

Abstract of the Disclosure

A microscopic image capture apparatus and a microscopic image capturing method allow a wide-angle field and high-precision microscope digital image to be efficiently captured. First, the entire area of a slide glass on a stage is divided into field size sections (low-magnification sections) of a low-powered objective lens, the stage is sequentially transferred perpendicular to an optical axis, image information is obtained for each low-magnification section of the entire area, each low-magnification section is divided into high-magnification size sections (high-magnification sections), a high-magnification image is captured using a high-powered objective lens only on a high-magnification section including simultaneously in the high-magnification sections, a high-magnification image is generated by correctly maintaining the relative position between the obtained image information and the area of a high-magnification section which is not captured, and a high-magnification composite image information about a sample on the slide glass is generated.